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Application No.: To Be Assigned (divisional of 09/813,076)  
Preliminary Amendment dated December 4, 2003  
Attorney Docket No.: 3436-013 DIV

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First-Named Inventor : KAHL, Helmut

Serial No. : To Be Assigned  
(This application is a divisional of 09/813,076 filed  
03.20.2001 which is a divisional of 09/393,907 filed  
03.10.1999 now US Patent 6,329,014 which is a  
continuation of 08/820,997 filed 03.20.1997 now US  
Patent 5,869,740 which is a continuation of 08/208,626  
filed 03.09.1994 now abandoned)

Filing Date : Herewith

Title : A PROCESS FOR PRODUCING A CASING  
PROVIDING A SCREEN AGAINST  
ELECTROMAGNETIC RADIATION

Group Art Unit : 3626

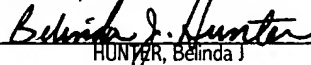
Examiner : To Be  
Assigned

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR §1.10**

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HUNTER, Belinda J

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §§1.56, 1.97 AND 1.98**

S I R :

The cited references enclosed herewith and listed on the attached substitute form PTO-1449 have come to the attention of the applicants either as part of the prosecution of the parent application and its foreign counterparts or have been cited by opposers during opposition proceedings before the German Patent Office. To date, German Patent No 43 19 965 C2 corresponding to the subject application has been maintained despite these oppositions.

**REMARKS**

- I. *The remarks regarding some of these references are summarized below:*

**Reference AF**

This document concerns a process for making an elastic sealing for the top of a special metallic package wherein the essential idea of the "process" consists of the provision of a special room temperature curing mixture.

**Reference AG**

This document describes a sealing ring comprising an elastically deformable sealing material which is provided in gaps of a metallic plate.

**Reference AH**

This document describes a process for making an elastic sealing for the bodywork of a car by means of a CNC machinery.

**Reference AI**

This document describes a method for sealing the periphery of a glass panel by means of party material ejected from a nozzle which is carried by a robot arm.

**Reference AJ**

This document describes a method for applying an adhesive to the periphery of a car glass panel by means of a nozzle carried by a robot.

**Reference X**

This document shows and describes parts of packages of cases, respectively, on which parts gaskets are provided. The materials for those gaskets and possibilities to apply them are discussed. The enclosures to the document devices for carrying out the process are illustrated and shortly specified.

**Reference Y**

In this document, the application of foam adhesives by means of CNC controlled devices comprising a mixing head is described.

**Reference Z**

This document essentially is a shortened text of BLAHA (No. 13a).

**Reference AK**

This document shortly describes a CNC controlled machine for applying two-component sealing strands without mentioning a special field of application.

**Reference AM**

The information of this document essentially can be taken from the English brochure "A-60 DISPENSERPRO" (No. 17).

**Reference AS**

This brochure shortly specifies parts of a freely programmable application and sealing system for sealing palettet components.

**Reference AT**

This brochure in detailed Figures shows the application of liquid sealing material, adhesive or foam, respectively, onto the edges of casing parts for coupling of products. (In none of those products do the sealing seem to be conductive.)

**Reference AV**

This brochure shows mixing and dosage systems and components thereof in their appearance and gives a short specification to each photo.

**Reference AW**

This brochure shows the appearance and some technical details of a dosage machinery as well as some embodiments of specifically configured traces applied on a surface.

**Reference AZ**

This short note in a German journal just gives some data of a gasket foaming apparatus of the firm Spühl. Corresponding information in the Reference No. 32 is more detailed.

II *Generally, the references pertain to one of the following categories:*

A. References specifying electrically conductive polymer materials for producing conductive seals. Some of these references also include simple manual tools for applying the materials.

References in this category:

G I K N O Q V AN AO AR AY

B. References describing more sophisticated devices for applying a material on a surface in a predetermined configuration - but not disclosing the application of a conductive sealant to the casing of an electronic device as claimed in the present invention.

References in this category:

L U W X Y Z AA AB AE AF AH  
AI AJ AK AL AM AP AQ AS AT AU AV  
AW AX AZ BA BB BF BG BI

C. References describing the formation of conductive seals which conform to gaps and surfaces of two mating surfaces and irreversibly joining the same.

References in this category:

P BC BD BE

D. References disclosing preformed gaskets.

A B C D F H J R S

The references cited herein have been cited in opposition proceedings in the EPO and are cited out of abundance of caution. Applicants do not believe that any of these references affect the patentability of the claims.

## II *Opposition proceeding before German Patent Office:*

Japanese Publication No. 5-4177 is indicated on the List of Cited References (form PTO-1449) on page 6 of 6 at line T. Enclosed is an English language translation of this publication which was prepared and filed by an opponent during opposition proceedings before the German Patent Office. During its deliberations, the German Patent Office considered Japanese reference 5-7177 as the most relevant prior art. This reference is similar to the Morgan reference, U.S. Patent No. 4,931,479 also indicated on the List of Cited References on page 1 of 6 at line K, in that it teaches that heat (at above 150°C ) is required for drying, hardening, and curing a sealant material.

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Preliminary Amendment dated December 4, 2003  
Attorney Docket No.: 3436-013 DIV

**Remarks**

Applicant respectfully requests consideration of the enclosed references and entry into the record.

Dated: December 4, 2003  
New York, New York

Respectfully submitted,

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-92) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3436-013 DIV	SERIAL NO. To Be Assigned
	APPLICANT KAHL, Helmut; TIBERTIUS, Bernd	
	FILING DATE Herewith	GROUP 3626

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FIGURES IN APPENDIX
	A	4,977,295	12/11/90				
	B	3,627,137	12/14/91				
	C	3,805,701	3/27/95				
	D	4,969,651	11/13/90				
	E	4,980,516	12/25/90				
	F	4,659,869	4/21/87				
	G	5,326,611	1/5/94				
	H	3,140,342	1/1/64				
	I	4,011,360	1/6/77				
	J	4,643,864	2/17/87				
	K	4,931,479	6/6/90				
	L	5,099,090	1/24/92				

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FIGURES IN APPENDIX
	H	JP-A-2-124990	5/14/1990	Japan			
	O	JP-A-2-119300	5/7/1990	Japan			
	P	JP-A-5-7116(A)	1/14/1993	Japan			
	Q	JP-A-57-100795	6/23/1972	Japan			
	R	0182391	5/28/86	EP			
	S	2027676	1/18/1979	Germany			
	T	02115004	9/1/1983	Great Britain			

## OTHER DOCUMENTS (Including Author, Title, Date, Portland Pages, Etc.)

U		Prof. Dipl.-Ing. Rudolf Sautter "Numerische Steuerungen für Werkzeugmaschinen"
V		Emerson & Cuming, Inc., Conductive Plastic EMI/RFI Gaskets
W		H. Hausmann, Braunschweig, "Laserstrahl-schweißen in der Feinmechanik"
X		Wamberger, Diet: Polyurethan Schaumstoffe im Einsatz bei direkt geschäumten Dichtungen, Spuhl AG, Publication, Jan. 1984
Y		Blaha, Hans J.: Kleben, Schäumen und Gießen - CNC-gesteuert. In: Technik Rundschau, 36/1988
Z		Blaha, Hans: Produktionsverfahren der Zukunft. In: ADHESION, Issue 3, 1
AA		King, Geoffrey H.: Improved Foam in Place Gasketing Material. In: SAE Technical Paper Series, 1990
AB		Hennlin, Michelle E.: Automated Dispenser Increases Production and Reduces Rework. In: Adhesives Age, Oct., 1990
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line if not in conformance and not considered. Include copy of this form with next communication to applicant.		



[illegible]

FOREIGN PATENT DOCUMENTS							TRAN-
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	
AC	0241192	10/14/87	EP				
AE	0271640	4/17/1991	EP				
AF	1594266	2/4/1971	DE				
AG	2447900	4/23/1976	DE				
AH	3833887	4/12/1990	DE				
AI	4123580	1/21/1993	DE				
AJ	4137249	2/11/1993	DE				

OTHER DOCUMENTS		Zweitkomponente	
AK		Moser, K.: Automatisierter Auftrag von Dichtschichten aus Dichtungsschaum. In: Kunststoffe, Issue 8, Pages 402, 403, 1983	
AL		A-600 DISPENSEPRO. Asymetek, Brochure, 8/1991	
AM		Automatisches Dosiersystem DispenseMate von Asymtek im Vertrieb bei GLT	
AN		GLT Gesellschaft für Lottechnik mbH. Brochure	
AO		CHOMERICS TECHNICAL BULLETIN #46. Chomerics Inc., Brochure, 1987	
AP		CHOMERICS TECHNICAL BULLETIN #46. Chomerics Europe Ltd., Brochure, 1990	
AQ		Dispensing System for Cured-In-Place Gasketing. In: Adhesives Age, Nov.	
AR		DYNAPACK Technical Guide, Norton Performance Plastics Corporation, Brochure, March 1992	
		EMI/RFI GASKET DESIGN MANUAL. Chomerics Inc., Brochure, 1975	
EXAMINER		DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line to citation if not in conformance and not considered. Include copy of this form with next communication to applicant			







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	APPLICANT KAHN, Helmut; TIBERTIUS, Bernd	
	FILING DATE Herewith	GROUP 3626

## U.S. PATENT DOCUMENTS

EXAMINER REMARK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPLICABLE
	A 4,157,149	6/5/79	Lenard E. Moen	222	486	10/31/77
	B 4,326,238	4/20/82	Shiro Takeda, et al.	361	386	12/21/70
	C 4,399,317	8/16/83	Garrill C. Van Dyk, Jr.	174	35	9/18/81
	D 4,625,979	12/2/86	Josefino T. Inclong	277	180	8/5/85
	E 4,756,784	7/12/88	Lawrence S. Jones, et al.	156	157	6/2/86
	F 4,964,362	10/23/90	Gilbert Dominguez	118	315	12/13/88
	G 4,993,723	2/19/91	Michael Sroka, et al.	277	180	1/13/89
	H 5,045,835	9/3/91	Joseph J. Kaplo, et al.	174	35	6/16/89
	I 5,089,190	2/10/92	Larry C. Trevathan, et al.	204	45.9	11/13/89

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLAT
						YES
J	DE 4008624		Germany			
K	EP 0 200 296		EPO			
L	EP 0 275 171		EPO			
M	GB 2 054 197		Great Britain			
N	GB 2 261 324 A		Great Britain			
O	GB 2 261 324 B		Great Britain			
P						

## OTHER DOCUMENTS (Including Articles, 11th, Data, Periodical Papers, Etc.)

Q	Paul Ivanli, "Verarbeitung von Einund Mehrkomponenten-Kleb- und Dichtstoffen"
R	Von Dipl.-Phys. Manfred Hof, Waldbrunn b. Karlsruhe, "Klebertechniken in der Mikroelektronik"
S	NEMRO-Robo-Dispenser, Memo Pumpen
T	Japan Provisional Publication No. 5-7177, Published Jan 14, 1993; Japan Pa Appln NO. 3-37774 Filed Feb 8, 1991; Portable Telephone Using EMI Shield Manufacturing Method therefor; Inventor MATSUMURA, Masahiko (in English) 13 pp with 1 Figure
EXAMINER	
DATE CONSIDERED	
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